



# BIOGRAPHY

## **Kelly Moses, P.E.,** Senior Risk Analyst Futron Corporation

Ms. Moses is a Senior Risk Analyst and Project Manager for Futron Corporation. Ms. Moses has over 15 years of risk analysis and engineering experience. She received her BS in Civil Engineering from the University of Missouri and an MS in Engineering from the University of Texas at Austin. She is a Registered Professional Engineer in Civil Engineering, State of Virginia. She was selected as a recipient of the 2000-2001 American Association for the Advancement of Science (AAAS) Risk Policy Science and Engineering Fellowship. Additional endeavors include serving as an adjunct professor for the Aerospace Department of Old Dominion University teaching Probability and Statistical Foundations for Experimenters. She actively serves on American Society of Civil Engineers' Geo-Institute Risk Assessment and Management Committee and has been a speaker at The International Council on Systems Engineering, May 2001 Symposium on Risk Management. Ms. Moses' risk analysis and risk management experience includes government, private industry and academia. While a Geotechnical Engineer at the Kansas City District Corps of Engineers, she designed flood control levees and completed risk and uncertainty analyses for Reconnaissance Studies, Feasibility Studies and Major Rehabilitation Studies. These studies involved risk-based engineering design and fault tree analyses. During Ms. Moses employment with Futron, she worked on the cost and schedule analysis for four launch packages used in the construction of NASA's ISS, as well as coauthoring the Risk Management Plan for NASA's Space Operations Management Office (SOMO). Currently, she is the project manager for Futron's contract to the NASA Engineering and Safety Center in support of the Deputy Director for Safety of that Center.



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